

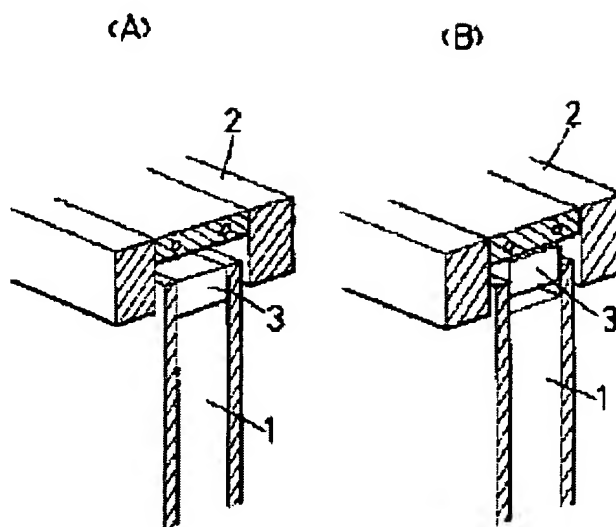
AIRTIGHT STRUCTURE OF SLIDING DOOR

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Abstract of JP8296377

PURPOSE: To eliminate manual operation, and to close a clearance between a sliding door and a frame, to which the sliding door is arranged, easily by fitting an airtight member to one of the sliding door or a frame and interposing the airtight member between the sliding door and the frame, to which the sliding door is arranged, while an electromagnet, by which the airtight member is projected, is mounted to one or the others.

CONSTITUTION: An airtight member 3 is installed to one of a sliding door 1 or a frame 2. The airtight member 3 is interposed between the sliding door 1 and the frame 2 while an electromagnet, by which the airtight member 3 is projected, is set up to one or the other. When the sliding door 1 is closed, a switch fitted to the sliding door 1 is operated to turn the electromagnet on, and the airtight member 3 is projected and a clearance between the sliding door 1 and the frame 2 is closed. Accordingly, manual operation is eliminated, operation is facilitated while the airtightness of a room is ensured, and sound-insulating properties can be improved.



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